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- (71) Applicant (for all designated States except US):
CROPDESIGN N.V. [BE/BE]; Technologiepark 3,
B-9052 Zwijnaarde (BE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MULET SALORT**,
Jose Miguel [ES/CH]; Häisingerstrasse 33, CH-4055 Basel
(CH). **SERRANO SALOM, Ramon** [ES/ES]; Calle As-
turias 22, puerta 2, E-46023 Valencia (ES).
- (74) Common Representative: **CROPDESIGN N.V.**; Tech-
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(57) Abstract: A method is presented for selecting and isolating nucleic acids capable of conferring tolerance or resistance to environmental stress conditions in plants or yeast. Furthermore, nucleic acids, the proteins they encode and their use for the production of plants or yeast with enhanced environmental stress resistance is disclosed.

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